DART AEROSPACE LTD	Work Order:	24724
Description: Doubler	Part Number:	D3144-13-15
Dwg: D3144 Rev. Broad 4		
Dwg: D3144 Rev. By page 4	Qty:	
04:12:01 10		Page 1 of 1

4

Step	Location	Procedure	ιВχ	Date	Qty
1	DC	Issue Traveler	(44)	05.11.02	_
2	PG	Issue P/O: <u>AODRARY</u> Email or Ship DXF file to vendor Laser Cut D3144-15 flat pattern per Dwg D3144 Possible Supplier: GFI or Industrial Laser Material release note is required	A	05.11.02 05/11/02	10
3	RG	Receive and Inspect for transit damage  Enure material release note is attached	1/3	C/11/24	10
4	QC6	Inspect dimensions as per Dwg D3144	#	08-114/24	10
5	GA	Deburr	M	05-11-30	10
6	FP	Chemical Conversion Coat per QSI 005 4.1	M	05 // 30	10
7	FP	Powder Coat Black Sandtex (Ref: 4.3.5.7) per QSI 005 4.3	M	05//30	10
8	QC3	Inspect Powder Coat	CL	05/12/01	10
9	ST	Identify and Stock	CL	05/12/01	10
10	AC	Cost / part:			
11	DC	Close W/O Inspect Level 21	(3)	05/12/01	<i>(</i> 5)

Rev	Date	Change	Revised By	Approyed
Α	04.11.29	New issue	KJ/RF (	1.01
				7,



# **Dart Aerospace Ltd**

W/O:		WORK ORDER CHANGES								
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector			

Part No:	PAR #:	Fault Category:	NCR: Yes (No) DQA:	Date: <u>05/12/0</u>
			QA: N/C Closed:	Date:

		ER NON-CONFORMAN	CE (NCR)				
	Description of NC		Corrective Action Section B		Varification	A	
STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Approval Chief Eng	Approval QC Inspector
	STEP	STEP Description of NC	STEP Description of NC Section A Initial	STEP Description of NC Section A Corrective Action Section B Initial Action Description	STEP Description of NC Section A Initial Action Description Sign &	STEP Section A Initial Action Description Sign & Section C	STEP Description of NC Section A Initial Action Description Sign & Section C Chief Eng

NOTE: Date & initial all entries

#### Job Costing Report

Dart Aerospace Ltd. Hawkesbury

Nov 02, 2005 03:54 pm

Work Order No : 0024724

Project Name : D3144-15 Project For : WK546

Work Order Type : Main Main WO Number :

House Part Number : D3144-15

Description :

Manufactured : No

Amount Req'd: 0
Amount Done: 0
Start Date: 11-02-05

Est Finish Date : 11-17-05 Act Finish Date :

Drawings Reqd : No Ok for Approval :

Approval Rec'd :

Department Code:
Burden Flags : NNNNNNN WO Status : Open

Invoice State : Not Invoiced

Invoice Date :

Invoice Number :

Invoice Amount: 0.00

Order Entry No : OE Value : 0.00

Est Mark Up : 0.000% Actual Mark Up : 0.000%

\$0 Posted to Finished Goods

		Estimated	Actual	Var. %	Posted	To Post
=======================================	==	==========	=========	=======	=======================================	=======================================
Material Cost	:	0.00	0.00	0.00	0.00	0.00
Engineering Hours	:	0.00	0.00	0.00		
Engineering Cost	:	0.00	0.00	0.00	0.00	0.00
Production Hours	:	0.00	0.00	0.00		
Production Cost	:	0.00	0.00	0.00	0.00	0.00
Packaging Hours	:	0.00	0.00	0.00		
Packaging Cost	:	0.00	0.00	0.00	0.00	0.00
OverHead Hours	:	0.00	0.00	0.00		
OverHead Cost	:	0.00	0.00	0.00	0.00	0.00
CNC Hours	:	0.00	0.00	0.00		
CNC	:	0.00	0.00	0.00	0.00	0.00
Misc. Hours	:	0.00	0.00	0.00		
Misc.	:	0.00	0.00	0.00	0.00	0.00
		========	=======	======		
Burden	:	0.00	0.00	0.00		
		========	========	======		
Total Cost	:	0.00	0.00	0.00		
Mark up	:	0.000	0.000			
Selling Cost	:	0.00	0.00			

Estimated Actual Labour Hrs/Amount Done : 0.00 Profits/(Loss) : 0.00 0.00 0.00

# **CERTIFICATE OF COMPLIANCE CERTIFICAT DE CONFORMITE**



180 LABROSSE AVENUE POINTE CLAIRE, QC H9R 1A1

DART AEROSPACE LTD 1270 ABERDEEN ST. HAWKESBURY, ON K6A 1K7

CEF	RTIFICATE NO.	1.	DUR JOB NO	J0135191	SHIPPING MI	EMO <b>032531</b>	9	
ITE	M QUANTITY	PURCHASE	ORDER	PART NUMBER	REV	NAME	DWG ISSUE	
	10 PCS	200888	89	D3144-15		DOUBLER	) <u>C</u>	
	MATERIA	<b>NL</b>	1	SUPPLIED BY		MAT	. REL. NO.	
	AL 2024-T3 (Q	Q-A-250/4)		ALCOA INC		3	70061-ATT'D	
		PROCE	SS		PRO	OCESSOR	RELEASE NOTE #	ŧ
1								
2								
3 .								
4	The state of the s							
5								
6								
7								
8								J
9								

WE HEREBY CERTIFY ALL THE PARTS COVERED BY THIS CERTIFICATE HAVE BEEN MANUFACTURED FROM MATERIAL SUPPLIED ON RELEASE NOTE SHOWN ABOVE AND THAT ALL PARTS HAVE BEEN INDIVIDUALLY INSPECTED AND CONFORM TO THE DRAWINGS AND PURCHASE ORDER REFERENCED ABOVE.

DATE 23 NOVEMBER 2005



Programme d'Assurance Qualité Enregistré / Registered Q.A. Program ISO 9001:2000 AS9100

## LETTRE DE CONFORMITÉ -LETTER OF COMPLIANCE

late: 22 NOVEMBRE 2005

Company Name:

G.F.I. Division of Thomas & Betts limited

ddress:

180 avenue Labrosse

lity:

Pointe Claire, Qué.

ip Code:

H9R 1A1

du client:

59543

# de commande SSMO:

847440

'ustomer's order #:

SSMQ's Order #:

a présente est pour certifier que le matériel détaillé ci-dessous est conforme aux exigences de votre ommande et des normes du grade tel que décrit:

he following is to certify that the material listed below meets your order requirements and grade standards described:

otre/Our em #	# de pièces/ # of pieces	Épaisseur/Grandeur Guage/Size	Alliage/Trempe Alloy/Temper	Spécification / Specification	Lot/Heat	
	1	.032" X 48" X 144"	2024 T3	AMS-QQ-A-250/4	370061	

en à vous, urs truly. (Sec 2)

mmis à l'administration.

MÉTAUX SPÉCIALISÉS SAMUEL, 21525 CLARK-GRAHAM. BAIE d'URFÉ, QUÉBEC H9X 3T5 IUEL SPECIALITY METALS, 21525 CLARK-GRAHAM, BAIE D'URFÉ, QUÉBEC H9X 3T5

TÉL: 514-457-3399 FAX: 514-457-9393

LET. DE. COM 12/01/C

### Alcoa Inc.

PITTSBURGH, PA

DAVENPORT WORKS

Ship From: RIVERDALE. IA.

Alcoa No. Item

2005-05-04 75184 P.O. No./Govt Contract No.

124064

B.L. No.

Invoice No. 10367 DCE10145-3

N17163

408309

Ship Date

SAMUEL SON-MISSISS

Customer

ictor of Manufacturing Davenport Works

Quality Assurance Manager

FO: SAMUEL, SON & CO. LINITED. 2360 DIXIE ROAD. MISSISSAUGA, ON, L4Y 127

Item Description .032 IN TK X 48 IN W (N) A/T 2024-T3 COILED SHEET MILL FINISH. PER AMS-QQ-A-250/4 REV A PER AMS4037 REV N PER ASTMB209 REV 04 ((NOT MARKED)) COIL SIZES: ID 20 IN COIL WGTS: MAX 4000 LB PKG WGT: 5000 LB EXPORT PACK QUAN TOL +/-40 % CQR 0156270 REV 01 CUST REQ 05-05-01 \*\*\*\* W/E 05-05-07 \*\*\*

Package Ticket	Lot	Weight	Quantity	UOM	Pc Id/Serl
279612 279613 279639	370061 370061 370061	3443 3195 2517	1 1 1	PC PC PC	
	્રં				
		9155	3	٠.	

for COR: 0156270.1

Dir

T PRODUCED AND MARKED TO THE REQUIREMENTS OF AMS-QQ-A-250/4 ALSO MEETS THE REQUIREMENTS OF QQ-A-250/4E, AMENDMENT 2. TOPRODUCED AND MARKED TO THE REQUIRE- MENTS OF QQ-A-250/4E AMENDMENT 2 ALSO MEETS THE REQUIREMENTS OF AMS-QQ-A-250/4.

0156270.1 -Specification Limits

UTS TYS EL4D KSI KSI

making of the meterial met the composition limits and had the mechanical properties shown on the face of this sheet.

Long Transv. Max Min 63.0 42.0

Other Other al Composition SI FE CU MN MG CR ZN TI Each Total Aluminum .50 .50 4.9 .9 1.8 .10 .25 .15 .05 2024 . 15

3.8 .30 1.2 REMAIN 370061 -Mechanical, Physical, Metallography, Quantometer Results

No. UTS EL4D Testi KSI PCT ong Transv. 69.7 47.4 19 69.4

D427807

Alcoa Inc. **DAVENPORT WORKS** PITTSBURGH, PA IED INSPECTION REPORT Ship From: RIVERDALE, IA. certify that the material covered by this certificate has been inspected with, and has been found to meet, the equirements described therein, including any specifications forming a part of the description and that samples has of the material met the composition limits and had the mechanical properties shown on the face of this sheet. 408309 124064 Ship Date B.L. No. Invoice No. Alcoa No. Item 2005-05-04 75184 10367 DCE10145~3 P.O. No./Govt Contract No. Customer N17163 SAMUEL SON-MISSISS Kenton P. Young Quality Assurance Manager Mark J. Vrablec r of Manufacturing Davenport Works 370061 - Mechanical, Physical, Metallograpy, Quantometer Results (cont.) -Chemical SI FR CU MN MG CR ZN TI

Actuals

**6.07** .16 4.6 .65 1.5 .00 .16 .03